

Notice of Allowability

Application No.

09/863,423

Examiner

LEYNNA T. HA

Applicant(s)

HAVIV ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/25/2006.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Vladimir Sherman on January 8, 2007.

The application has been amended as follows:

Claim 1:

A method for filtered application-to-application communication of applications running on computing platforms including an operating system kernel, said method comprising:

providing a communication interface to an application, wherein the communication interface bypasses a portion of the operating system kernel associated with communication resources;

filtering application data received from a process of said application according to a predetermined policy; and

providing said filtered application data directly to communication hardware by bypassing a portion of the operating system kernel associated with communication resources.

Claim 8:

A method for filtered application-to-application communication of applications running on computing platforms including an operating system kernel, said method comprising:

providing a communication interface to an application, wherein the communication interface bypasses a portion of the operating system kernel associated with communication resources;

filtering application data received from a process of said application

sending an authentication request to an authentication service;

receiving authentication information; and

providing said filtered application data directly to communication hardware by bypassing a portion of the operating system kernel associated with communication resources.

Claim 15:

A method for filtered application-to-application communication of applications running on computing platforms including an operating system kernel, said method comprising:

multi-channel communication hardware; and

at least one application interface and filter operative to provide filtered data from an application process directly to said multi-channel communication hardware by bypassing a portion of the operating system kernel associated with communication resources.

Claim 18:

A method for filtered application-to-application communication of applications running on computing platforms including an operating system kernel, said method comprising:

multi-channel communication hardware;

at least one application interface and filter operative to provide filtered data from an application process directly to said multi-channel communication hardware by bypassing a portion of the operating system kernel associated with communication resources; and

at least one an authentication service adapted to determine whether said application process is genuine and/or whether at least one machine participating in said application process is genuine.

Allowable Subject Matter

2. Claims 1-20 are allowed.

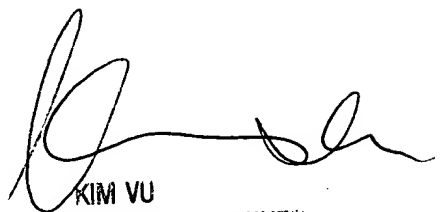
The following is an examiner's statement of reasons for allowance:

With the amendment currently made to independent claims 1, 8, 15, and 18, the claimed invention has overcome prior art rejection. Prior art fails to teach providing a communication interface to an application where the communication interface bypasses a portion of the operating system kernel associated with communication resources and providing filtered application data directly communication hardware or multi-channel

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communication hardware by bypassing a portion of the operating system kernel associated with communication resources.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."



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